

a first metal body having opposed first and second surfaces;

a cathode comprising a porous coating including an amorphous oxide of at least one metal selected from the group consisting of ruthenium, iridium, nickel, rhodium, rhenium, cobalt, tungsten, manganese, tantalum, molybdenum, lead, titanium, platinum, palladium, and osmium disposed on the first surface of said first metal body;

an anode including a metal selected from the group consisting of tantalum, aluminum, niobium, zirconium, and titanium disposed on the second surface of the first metal body, wherein the metals of the anode and cathode are different; and

an electrolyte in contact with the cathode opposite the first metal body wherein the plurality of the capacitor cells are disposed in a serial arrangement, the electrolyte of one cell contacting the second surface of each first metal body and a first surface of the first metal body of the next adjacent cell;

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a second metal body having first and second opposed surfaces disposed at one end of the serial arrangement and including a cathode comprising a porous coating including an amorphous oxide of at least one metal selected from the group consisting of ruthenium, iridium, nickel, rhodium, rhenium, cobalt, tungsten, manganese, tantalum, molybdenum, lead, titanium, [and cathode are different, platinum, palladium, and osmium disposed on one side of the second metal body and opposite an anode of a first metal body in the serial arrangement, but no anode,] and functioning as a cathode of the capacitor and an electrolyte disposed between and contacting the porous coating of the second metal body and the anode of the opposite first metal body in the serial arrangement; and

a third metal body having first and second opposed surfaces and disposed at the other end of the serial arrangement and including an anode comprising a metal selected from the group consisting of tantalum, aluminum, niobium, zirconium, and titanium disposed on one side of the third metal body and opposite a porous coating of a first metal body in the serial arrangement, [but no porous coating,] and functioning as an anode of the capacitor and an electrolyte disposed between and contacting the anode of the third metal body and the porous coating of the opposite first metal body in the serial arrangement.